

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): SWALLOW, Stanley S., et al. Atty. Docket: 78104114 - KE/GM/N19082
Title: ELECTRICAL COMPONENTS AND CIRCUITS CONSTRUCTED AS TEXTILES
Priority: PCT/GB2005/000712 filed 25 February 2005; GB 0404419.4 filed 27 February 2004

**INFORMATION DISCLOSURE STATEMENT
(37 CFR §1.98; MPEP 609)**

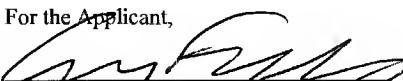
Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

To the Commissioner:

The accompanying Form PTO-1449 is submitted in accordance with 37 CFR §1.56 for the above-referenced patent application. This application relies, under 35 USC §365, on the earlier filing date of PCT international application PCT/GB2005/000712. Pursuant to MPEP 1893.03(g), the references cited in the International Search Report for that application should be present in the USPTO's files. *If these references are not present in USPTO files, please contact the undersigned attorney and copies will be promptly provided.*

If any questions regarding the application arise, please contact the undersigned attorney. Telephone calls related to this application are welcomed and encouraged. The Commissioner is authorized to charge any fees or credit any overpayments relating to this application to deposit account number 18-2055.

For the Applicant,



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Substitute for form 1449A/PTO			<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			<u>Application Number</u>	
			<u>Filing Date</u>	Herewith
			<u>First Named Inventor</u>	SWALLOW, Stanley S., et al.
			<u>Group Art Unit</u>	
			<u>Examiner Name</u>	
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U.S. PATENT DOCUMENTS					
Exam. Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Publication Date of Cited Doc'nt (MM-YYYY)
		Number	Kind Code (if known)		
	2003/211797	A1		HILL et al.	11-2003
	3,378,629			STANLEY	04-1968
	3,414,666			DOUNDOULAKIS et al.	12-1968
	3,513,297			JORDAN	05-1970
	3,711,627			MARINGULOV	01-1973
	3,798,370			HURST	03-1974
	3,911,215			HURST et al.	10-1975
	4,080,519			MICHALSON	03-1978
	4,085,302			ZENK et al.	04-1978
	4,220,815			GIBSON et al.	09-1980
	4,484,038			DORMAN et al.	11-1984
	4,538,054			De La BRETONEIRE et al.	08-1985
	4,659,873			GIBSON et al.	04-1987
	4,687,885			TALMAGE, Jr. et al.	08-1987
	4,707,845			KREIN et al.	11-1987
	4,715,235			FUKUI, et al.	12-1987
	4,776,160			REES	10-1988
	4,795,998			DUNBAR et al.	01-1989
	4,798,919			MIESSLER et al.	01-1989
	4,822,957			TALMAGE, Jr. et al.	04-1989

Examiner Signature		Date Considered	
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		Number	Kind Code (if known)		
	4,933,660			WYNNE, Jr.	06-1990
	5,047,602			LIPKA	09-1991
	5,060,527	A		BURGESS	10-1991
	5,159,159	A		ASHER	10-1992
	5,220,136	A		KENT	06-1993
	5,262,778	A		SAUNDERS	11-1993
	5,453,941	A		YOSHIKAWA	09-1995
	5,686,705	A		CONROY et al.	11-1997
	5,815,139	A		YOSHIKAWA et al.	09-1998
	5,852,260	A		YOSHIKAWA	12-1998
	5,878,620	A		GILBERT et al.	03-1999
	5,881,547	A		CHIOU et al	03-1999
	6,032,450	A		BLUM	03-2000
	6,210,771	B1		POST et al.	04-2001
	6,216,546	B1		BAHR	04-2001
	6,319,015	B1		FAUNCE	11-2001
	6,333,736	B1		SANDBACH	12-2001
	6,488,564	B1		GRAY	12-2002
	6,852,395	A1		DHAWAN et al.	02-2005

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FOREIGN PATENT DOCUMENTS							
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		Office	Number	Kind Code (if known)			
		JP	5 801 7331		MASATOSHI	02-1983	
		DE	42 36 187	A1	SCHOOS et al.	05-1993	
		GB	1 331 942		WALKER	09-1973	
		GB	1 516 004		BBF GROUP, INC..	06-1978	
		GB	2 095 036	A	SHARP KABUSHIKI KAISHA	09-1982	
		GB	2 115 555	A	LEWIS et al.	09-1983	
		GB	2 134 719	A	KAZUHUKO et al.	08-1984	
		GB	2 339 495	A	CHAPMAN et al.	01-2000	
		GB	2 222 485	A	KOKOKU RUBBER TECH., INCnc.	03-1990	
		GB	2 339 495	A	BRUNEL UNIVERSITY	05-1998	
		GB	2 341 929	A	ELECTROTEXTILES CO. LIMITED	09-1998	
		GB	2 341 933	A	ELECTROTEXTILES CO. LIMITED	03-2000	
		GB	2 341 978	A	ELECTROTEXTILES CO. LIMITED	03-2000	
		GB	2 343 516	A	BRUNEL UNIVERSITY	05-2000	
		EP	0 161 895	A2	RAYCHEM LTD.	12-1985	
		EP	0 172 783	A2	KUSTANOVICH	02-1986	
		EP	0 194 861	A2	GIBSON et al.	09-1986	
		EP	0 206 450	A2	ASAHI KASEI KOGYO KABUSHIKI KAISHA	12-1986	
		EP	0 210 063	A2	ELOGRAPHICS INC.	06-1986	
		EP	0 222 239	B1	FEUSTEL et al.	05-20-1987	
		EP	0 392 736	A2	CHOMERIC INC.	04-1990	
		EP	0 454 269	A2	TAPESWITCH CORP OF AMERICA	04-1991	
		EP	0 855 307	A2	GILBERT et al.	07/29/1998	
		EP	0 911 435	A2	WATSON	04-28-1999	
		EP	0 989 509	A2	SANDBACH	03-29-2000	

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		Office	Number	Kind Code (if known)				
		EP	1 339 259	A	MALDEN MILLS INDUSTRIES, INC.	08-2003		
		RU	2 145 984	C1	SHUL'ZENKO et al	02-2000		
		RU	2 155 461	C1	OBSHCHESTVO et al.	08-2000		
		RU	2 187 907	C1	GRINEVICH et al.	08-2002		
		RU	2 046 552	C1	PFK MERKUROS	10-1995		
		WO	86 05678	A1	SENTEK INC.	03-1986		
		WO	90 10204	A1	ARCUS VITA AB	09-1990		
		WO	99 26627	A1	BRUNEL UNIVERSITY			
		WO	00 60357	A1	BRUNEL UNIVERSITY			
		WO	01/75778	A1	BRUNEL UNIVERSITY	10-2001		

NON-PATENT LITERATURE DOCUMENTS							
Exam. Initials	Cite No.	Include: Name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					Trans.
		LIND et al. (1997). A Sensate liner for personnel monitoring applications. Proc. 1st IEEE Int. Symp. on Wearable Computers (ISWC'97). October 1997. Cambridge, Mass., USA: IEEE Press.					
		ORTH et al., (1998). Fabric computing interfaces. Proc. ACM CHI '98. April 1998. Los Angeles, CA., USA: ACM Press.					
		POST et al., (1997). Smart fabric, or washable computing. Proc. 1st IEEE Int. Symp. on Wearable Computers (ISWC'97). October 1997. Cambridge, Mass., USA: IEEE Press.					

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